

ABSTRACT OF THE DISCLOSURE

A negative type planographic printing plate in which recording can be performed directly from digital data of a computer or the like using an infrared laser. Sensitivity of the plate is high, ablation by a recording layer during recording is suppressed, a developing property is good, occurrence of a film residue does not occur, and image forming properties such as halftone dot reproducibility are excellent. The negative type planographic printing plate has on a supporting body, in the following order, a first layer that contains a polymer insoluble in water and soluble in an alkaline aqueous solution, and a second layer that contains a cross-linking or polymeric compound, which forms a covalent bond by action of light or heat and lowers solubility of the second layer in an alkaline developing liquid.